MCLAB
Molecular Cloning Laboratories

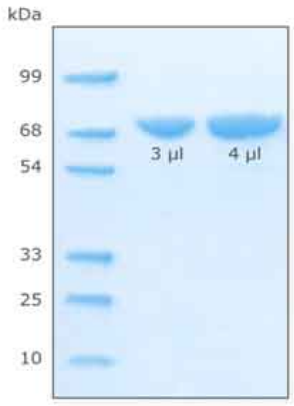
User Manual

Version 1.0
Revision Date: 08/30/2013

Product name: DnaK (HSP70) E. Coli Recombinant

Cat #: DNAK-100, DNAK-200, DNAK-300

Description:
DnaK, originally identified for its DNA replication by bacteriophage I in E. coli is the bacterial hsp70 chaperone. This protein is involved in the folding and assembly of newly synthesized polypeptide chains and in preventing the aggregation of stress-denatured proteins.



DnaK photo page
Concentration: 1.2 mg/ml
1:1 (Loading Buffer:Sample)

Application:
- Highest transformation efficiency
- General cloning
- Blue-white selection
- Plasmid isolation

Recommended Storage Conditions:
This product should be stored at -80°C. Thaw on ice only before use. Do not re-freeze.

Genotype:
F- 80dlacZ M15 (lacZYA-argF) U169 recA1 endA1hsdR17(rk-, mk+) phoAsupE44 -thi-1 gyrA96 relA1

Reference:
Woodcock, D.M., Crowther, D.M., Doherty, J., Jefferson,S., DeCruz, E., Noyer-Weidner, M., Smith, S.S., Michael, M.Z., and Graham, M.W., Nucl. Acids Res. (1989) 17, 3469-3478